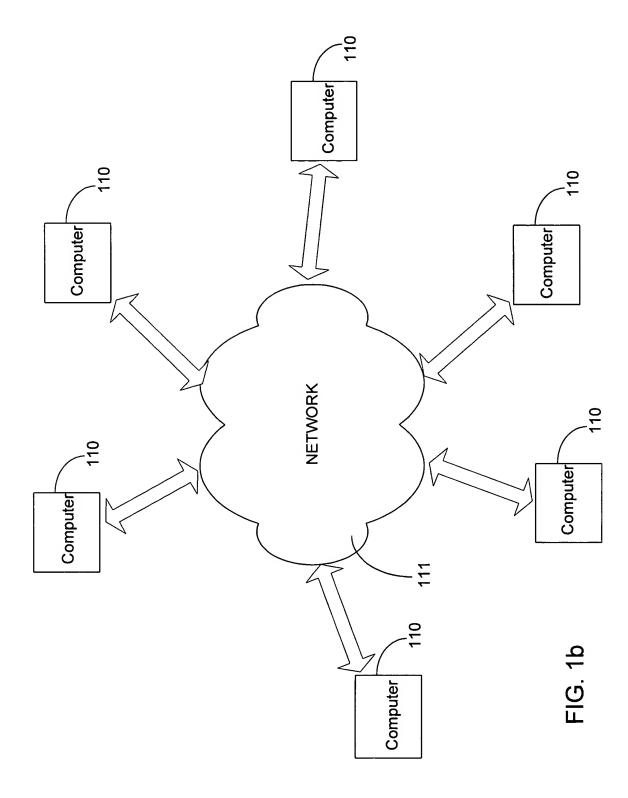


Title: A METHOD FOR PROVIDING GUARANTEED DISTRIBUTED FAILURE NOTIFICATION
Inventors: DUNAGAN et al.
Atty Docket No.: 224487
Leydig, Voit & Mayer 202-737-6770



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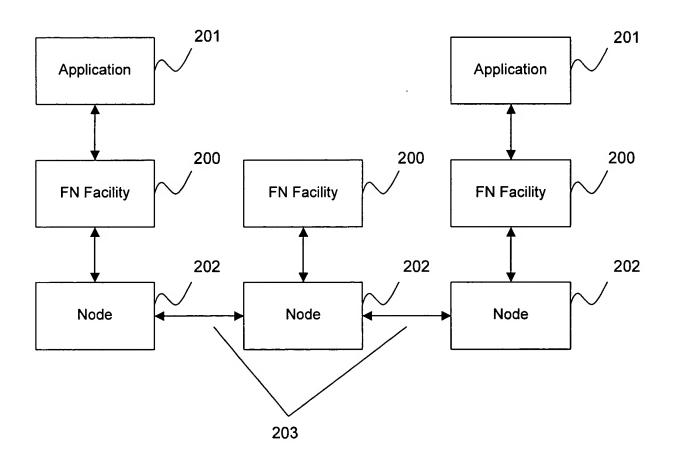


FIG. 2

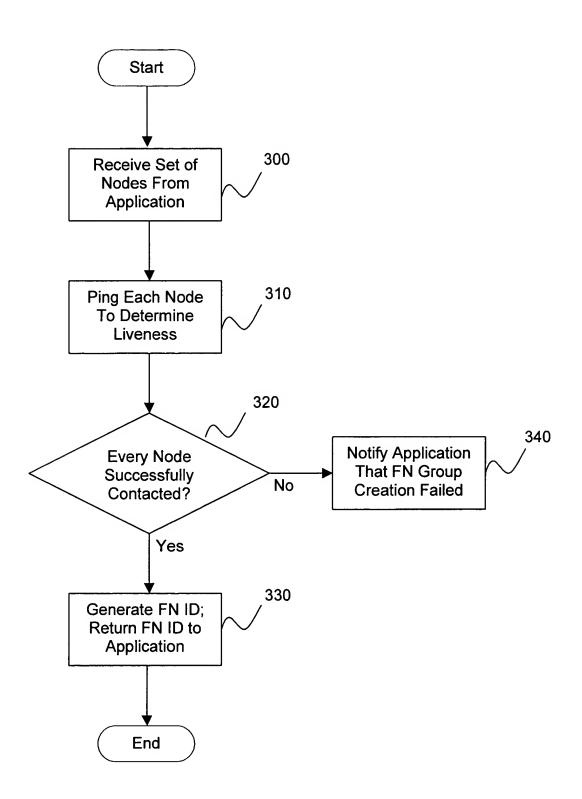


FIG. 3a

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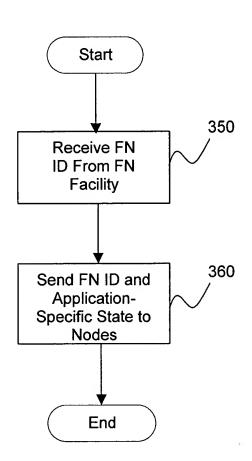


FIG. 3b

## Title: A METHOD FOR PROVIDING GUARANTEED DISTRIBUTED FAILURE NOTIFICATION Inventors: DUNAGAN et al. Atty Docket No.: 224487

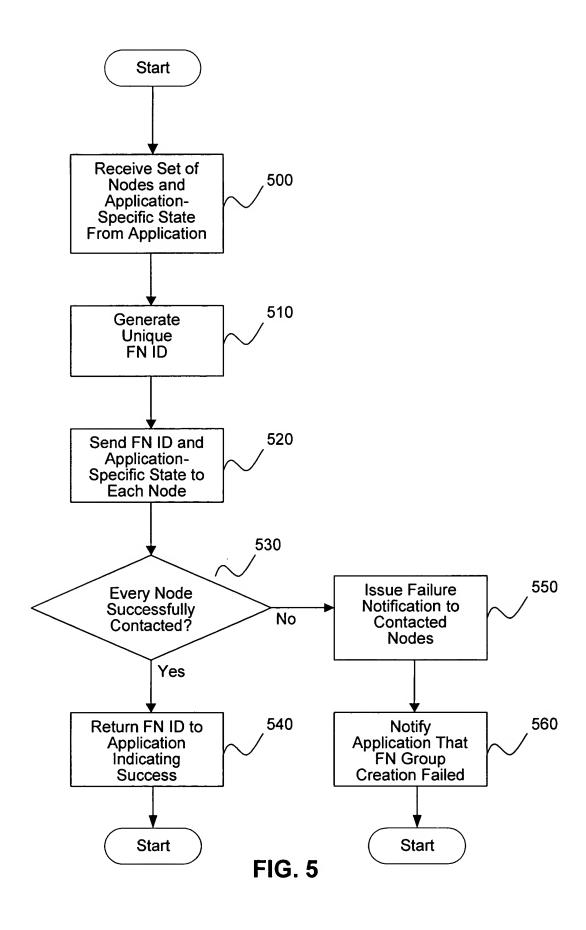
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```
// Creates an FN group containing the nodes in the set
FuseId CreateGroup(NodeId[] set)
// Registers a callback function to be invoked
// when a notification occurs for the FN group
void RegisterFailureHandler(Callback handler, FuseId id)
// Allows the application to explicitly cause
// transmission of a failure notification
void SignalFailure(FuseId id)
```

## FIG. 4a

```
// Creates an FN group containing the nodes in the
// set and directs the nodes in the set to associate
// the application-specific state with the FN group
FuseId CreateGroup(NodeId[] set, ApplicationState state)
// Registers a callback function to be invoked
// when a notification occurs for the FN group
void RegisterFailureHandler(Callback handler, FuseId id)
// Allows the application to explicitly cause
// transmission of a failure notification
void SignalFailure(FuseId id)
```

FIG. 4b



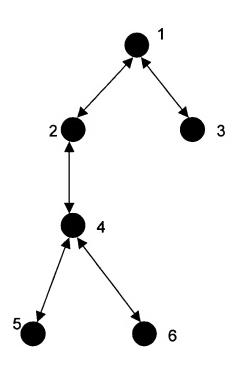


FIG. 6

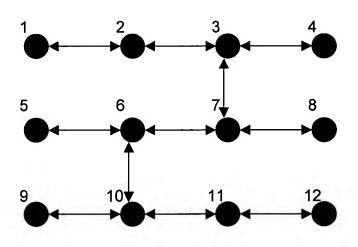


FIG. 7

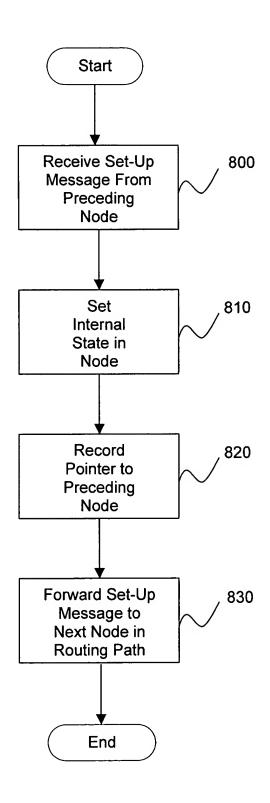


FIG. 8a

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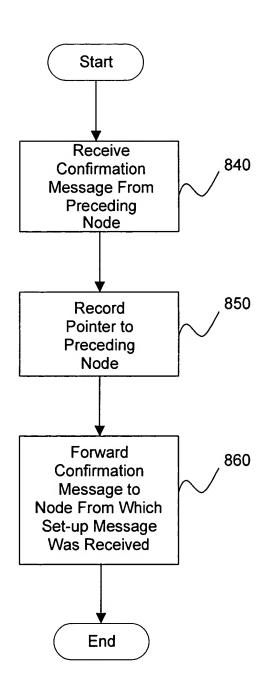


FIG. 8b

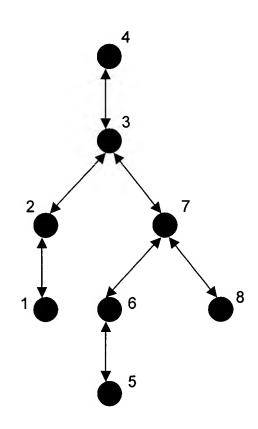


FIG. 9

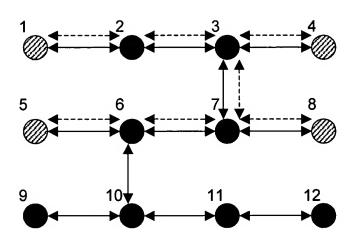


FIG. 10

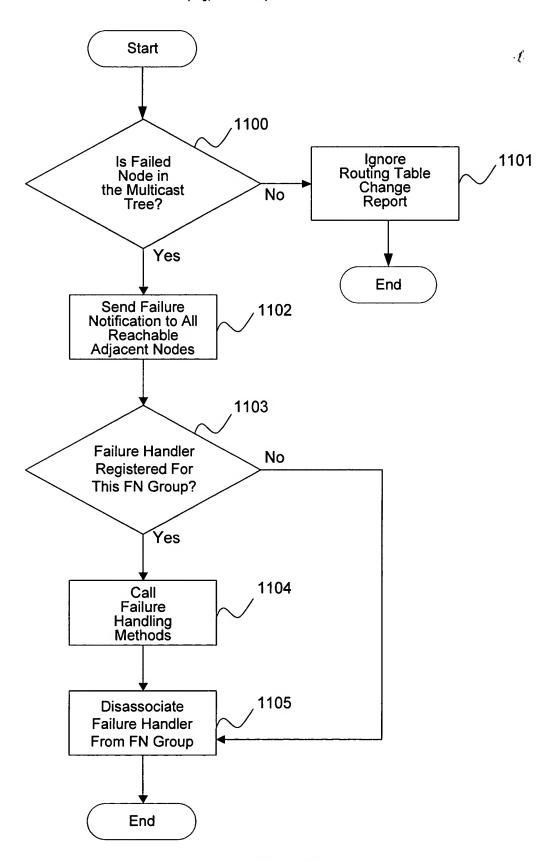


FIG. 11